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UTILITY PATENT APPLICATION **TRANSMITTAL**

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| (Only for new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS | | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | | | | |
| See MPEP chapter 600 concer | ning utility patent application contents. | | | | or . | | |
| Fee Transmittal Form (e.g., PTO/SB/17) | | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | | | | |
| 1. (Submit an original and a dup Applicant claims sm | all entity status. | 8 Nucleo | otide and/or Amino Acid | Sequence Submissi | ion to | | |
| 2. See 37 CFR 1.27. | | (if app | olicable, all necessary) | | .യ | | |
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| or a computer pro | ogram listing appendix | c. \ | Statements verifying | g identity of above cop | pies | | |
| - Background of th | Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description | | | ACCOMPANYING APPLICATION PARTS | | | |
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| - Claim(s) | - Claim(s) | | | 37 CFR 3.73(b) Statement Power of Attorney | | | |
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| 4. Drawing(s) (35 U.S | S.C. 113) [Total Sheets [] | 1 12. | Information Disclosu | 1 10 | tions | | |
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| Signed stat | 1 | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 | | | | | |
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| 1.05(0)(2) | l _ | or its equivalent. | | | | | |
| 6. Application Data | 1 1 | 17. Other: Claims US 60/422124 filed 10/30/2002 | | | | | |
| | 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendmen | | | | | | |
| 18. If a CONTINUING APPLIC | CATION, check appropriate box, and significant and significant are considered as the control of | apply the rogal | | | | | |
| | or in an Application Data Sheet under 37 GFR 1.76. | | | | | | |
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| | JONES DAY | | | | | | |
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. C mplete if Kn wn FEE TRANSMITTAL **Application Number** 10/30/2003 Filing Date for FY 2003 Hugh HIND et al First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit 555255012614 (\$) 1,654.00 Attorney Docket No TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Other None Money Credit card Check Large Entity | Small Entity ✓ Deposit Account: ee **Fee Description** Fee Fee Fee Paid Code (\$) Code (\$) Deposit 501432 (555255012614) 65 Surcharge - late filing fee or oath Account 1051 130 2051 Number Surcharge - late provisional filing fee or 50 2052 1052 Deposit JONES DAY Account Non-English specification 1053 130 130 Name 1053 The Commissioner is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments ✓ Charge fee(s) indicated below 920* Requesting publication of SIR prior to 1804 920 1804 Charge any additional fee(s) during the pendency of this application Examiner action Requesting publication of SIR after Charge fee(s) indicated below, except for the filing fee 1805 1,8401 1805 1.840* Examiner action to the above-identified deposit account. 55 Extension for reply within first month 110 2251 1251 FEE_CALCULATION 205 Extension for reply within second month 410 2252 1252 1. BASIC FILING FEE 465 Extension for reply within third month 930 2253 1253 Large Entity Small Entity Fee Paid 1254 1,450 2254 725 Extension for reply within fourth month Fee Description lFee Fee Code (\$) 985 Extension for reply within fifth month ode (\$) 2255 1255 1,970 Utility filing fee 2001 375 1001 750 770.00 160 Notice of Appeal 2401 320 1401 Design filing fee 2002 165 1002 330 160 Filing a brief in support of an appeal 2402 320 1402 2003 260 Plant filing fee 1003 520 140 Request for oral hearing 2403 1403 280 2004 375 Reissue filing fee 1004 750 1,510 Petition to institute a public use proceeding 1451 1451 1,510 Provisional filing fee 1005 160 2005 80 55 Petition to revive - unavoidable 2452 1452 110 SUBTOTAL (1) (\$) 770.00 650 Petition to revive - unintentional 2453 1453 1,300 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 650 Utility issue fee (or reissue) 2501 1501 1,300 Fee from 235 Design issue fee 470 2502 Extra Claims 1502 below 540.00 | x |18.00 315 Plant issue fee 2503 **Total Claims** 50 _{-20**} = [30] 1503 630 x 86.00 =344.00 Independent 130 Petitions to the Commissioner 130 1460 1460 Claims 50 Processing fee under 37 CFR 1.17(q) Multiple Dependent 1807 1807 50 180 Submission of Information Disclosure Stmt 1806 180 1806 Large Entity | Small Entity 40 Recording each patent assignment per Fee Description Fee Fee Fee Fee 40 8021 property (times number of properties) 8021 Code (\$) Code (\$) 375 Filing a submission after final rejection (37 CFR 1.129(a)) Claims in excess of 20 2202 9 1202 18 750 2809 1809 Independent claims in excess of 3 42 84 2201 1201 375 For each additional invention to be examined (37 CFR 1.129(b)) Multiple dependent claim, if not paid 750 2810 1810 2203 140 1203 280 * Reissue independent claims 375 Request for Continued Examination (RCE) 2204 84 1204 750 2801 1801 over original patent 900 Request for expedited examination 900 1802 1802 ** Reissue claims in excess of 20 2205 9 1205 18 of a design application and over original patent (\$) 884.00 Other fee (specify) SUBTOTAL (2) (\$) 0.00*Reduced by Basic Filing Fee Paid SUBTOTAL (3) **or number previously paid, if greater; For Reissues, see above (Complete (if applicable) SUBMITTED BY Registration No. Telephone (216) 586-3939 39,142 David B. Cochran, Esq. Name (Print/Type) *'*ə' Signature

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.